

State Geological Survey Division **RECEIVED**



Natural Resources Building  
615 East Peabody Drive  
Champaign, IL 61820

APR 23 1981

**RECEIVED**

**ILL. E.P.A. - D.L.P.C.  
STATE OF ILLINOIS**

APR 20 1981

**E.P.A. - D.L.P.C.  
STATE OF ILLINOIS**

**[REDACTED]**  
Mesdames Rohde, Schmidt, Gusich and Keefer  
Old Orchard Lane  
Route #4, Box 102  
Lockport, IL 60441

SUBJECT: Union Oil Company, Toxic Grading Project and Tank Farm,  
DuPage Township, Will County

Mesdames:

I just received your letter of March 27, 1981, concerning the above site. I do not know exactly where in the 36 square miles of DuPage Township the site is located. However, in looking at the maps of the area I guess it to be in the NW $\frac{1}{4}$  of Section 35, and adjacent parts of Sections 25, 26 and 36, all in T. 37 N., R. 10 E.

I am sending your letter to our field office in Warrenville, which is much more familiar with the geology in your area than I am. Please confirm the above location and contact either Jean I. Larsen or William G. Dixon at the following address:

Illinois State Geological Survey  
Northeast Illinois Field Office  
P. O. Box I  
Warrenville, IL 60555  
(312) 393-1466

The Geological Survey can provide you with basic geologic information about the site including what water-yielding materials are present at the site and in your subdivision, and general information on the potential for contamination in the area. We cannot design a monitoring well network or other such facilities; that must be done by a private consultant after discussions with the Illinois Environmental Protection Agency.

We will be glad to provide any assistance to you that we can.

Very truly yours,

Keros Cartwright  
Geologist and Head  
Hydrogeology and Geophysics Section

cc: -Warrenville Office  
-Illinois Environmental Protection Agency  
-Illinois State Water Survey

WPC - Pmt  
LFC - Pmt - Tom Donovanagh

US EPA RECORDS CENTER REGION 5



425941

Old Orchard Lane  
Route #4, Box 102  
Lockport, Illinois 60441

March 27, 1981

Dr. Keros Cartwright, Head  
Hydrogeology and Geophysical  
Section  
Illinois State Geological Survey  
431 Natural Resources Building  
Champaign, Illinois 61820

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**APR 23 1981**

**ILL. E.P.A. - D.L.P.C.  
STATE OF ILLINOIS**

Subject: Union Oil Company  
Toxic Grading Project  
and Tank Farm  
DuPage Township, Will County

Dear Dr. Cartwright:

We are requesting any information you may have on soil in the area of subject tank farm and dump site of last summer. We question at this time if application and incorporation of sludges into the soil exceeds the agronomic capacity of the receiving soil to absorb the sludges. We would like to have this information as soon as possible as there is the possibility of renewed dumping.

Our concern, also, is about the holding basin constructed last fall which is presently receiving sludge. We are sure sludge is generated on a daily basis for a company this size, and the sludge bottoms from their storage tanks will have to be disposed of again.

Old Orchard Subdivision is now comprised of 45 homes, each with individual well sites, and is approximately one-half mile south of the tank farm and dump site. Well contamination is a great concern to us, as it is to our Cook County neighbors. For this reason we would like to have monitor wells (both shallow and deep) placed around the site, analyzed for background and then on a regular basis to determine if any pollution or contamination occurs; cost to be borne by Union Oil Company.

Dr. Keros Cartwright  
Illinois State Geological  
Survey

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March 27, 1981

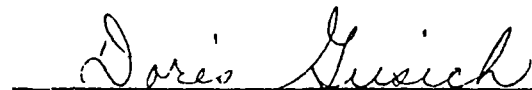
We have recently written to Dr. Thomas G. Naymik,  
Hydrologist, Illinois State Water Survey, and were ad-  
vised by him to contact you for information regarding  
soil and bedrock conditions.

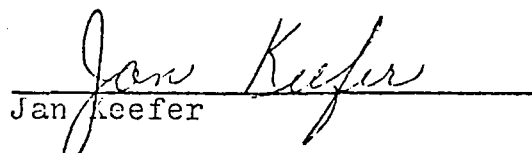
We shall expect to hear from you promptly.

Very truly yours,

  
Dawn Kohde

  
Melva Schmidt

  
Doris Gusich

  
Jan Keefer

DR

cc: File